

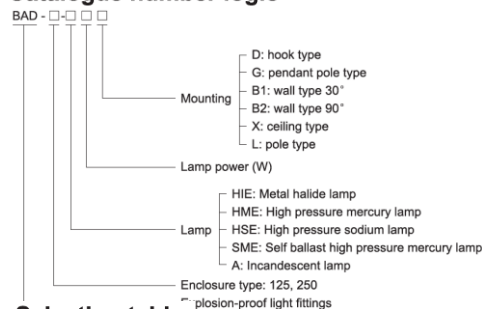
PRODUCT SPECIFICATION SHEET

Pendant Light Fittings

BAD Series Explosion-proof Light Fittings



Catalogue number logic



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
- ◆ Available lamp:
 - Metal halide lamp (HIE)
 - High pressure mercury lamp (HME)
 - High pressure sodium lamp (HSE)
 - Self ballast high pressure mercury lamp (SME)
 - Incandescent lamp (A)
- ◆ Two enclosure types: 125, 250.
- ◆ Fast opening, easy maintenance.
- ◆ Powder coated wire guard, white.
- ◆ Toughened glass cover resistant to temperature changes.

Note

1. Mounting accessories are not supplied with light fittings.
2. The light fittings are supplied without lamp. PHILIPS lamps are recommended.
3. BAZ51 explosion-proof ballast is optional.
4. The light fittings are supplied without external reflector.

Selection table

Type/Ordering code	Available lamp power (W)					Lamp holder	Weight (kg)
	HIE	HME	SME	HSE	A		
BAD-125	70, 100, 150	80, 125	125, 160	70, 100	200	E27	5.20
BAD-250	175, 250	175, 250	250	150, 250	300	E40	6.10

Zones 1&2

Technical data

Explosion-proof light fittings		BAD-125-□□□	BAD-250-□□□
Explosion protection	Gas explosion protection	Ex II 2 G Ex d IIB T4	
Certificates		PTB 03 ATEX 1077; IECEx CQM 07.0010	PCEC(China)
Conformity to standards		EN 50014:1997+A1+A2, EN 50018:2000+A1	IEC 60079-0: 2007
		IEC 60079-0: 2004, IEC 60079-1: 2003	IEC 60079-1: 2007
Material		Copper-free aluminium, powder coated surface, yellow (RAL1021)	
Enclosure		Powder coated carbon steel, white	
Wire guard		Toughened glass, stands 4J impact	
Transparent cover		High-purity aluminium	
Internal reflector		Pure aluminium, anodicoxidation treatment for surface	
External reflector (optional)		Stainless steel	
Exposed fastener			
Lamp			
Lamp holder		E27	E40
Available lamp and lamp power (W)		HIE: 70W, 100W, 150W	HIE: 175W, 250W
		HME: 80W, 125W	HME: 175W, 250W
		SME: 125W, 160W	SME: 250W
		HSE: 70W, 100W	HSE: 150W, 250W
		A: 200W	A: 300W
Rated voltage		220~240V AC 50/60Hz	
Earthing protection		M5 (internal & external earth bolts)	
Degree of protection		IP65	
Ambient temperature		-20℃~+55℃	
Terminal		3 x 1.5~2.5mm ² (L+N+PE)	
Cable entries		G3/4" (NPT3/4" or M25 x 1.5 with reducer on request)	
Cable gland		See Mounting Accessories and Spare Parts Table	
Available cable outer diameter		Φ 10~ Φ 14 (mm)	